

SEQUENCE LISTING

<110> UNIVERSITY OF FLORIDA

<120> METHODS AND COMPOSITIONS FOR TREATMENT OF DISEASES  
ASSOCIATED WITH ABERRANT MICROSATELLITE EXPANSION

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<151> 2004-03-10

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<210> 5  
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 <213> Artificial Sequence

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 <223> Description of Artificial Sequence: Synthetic  
 Primer

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<210> 6  
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 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: Synthetic  
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<210> 7  
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<223> Description of Artificial Sequence: Synthetic  
Primer

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gggttgaatc tcgtaggga cactgggtgt ctgtaa 36

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<220>  
<223> Description of Artificial Sequence: Synthetic  
Primer

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<223> Description of Artificial Sequence: Synthetic  
Primer

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gggttgaatc tcgtaggga cactgggtgt ctgtaa 36

<210> 10  
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<223> Description of Artificial Sequence: Synthetic  
Primer

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<210> 11  
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<223> Description of Artificial Sequence: Synthetic  
Primer

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<212> DNA  
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<223> Description of Artificial Sequence: Synthetic  
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<223> Description of Artificial Sequence: Synthetic  
Primer  
  
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<210> 14  
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<223> Description of Artificial Sequence: Synthetic  
Primer  
  
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<210> 15  
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<223> Description of Artificial Sequence: Synthetic  
Primer  
  
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<210> 21

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
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<400> 21

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<210> 22

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
Primer

<400> 22

tgtcaatgag ggcttgag 19

<210> 23

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
Primer

<400> 23

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<210> 24

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
Primer

<400> 24

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<210> 25

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic  
Primer

<400> 25

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23

<210> 26

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic  
Primer

<400> 26

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<210> 27

<211> 21

<212> DNA

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<223> Description of Artificial Sequence: Synthetic  
Primer

<400> 27

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21

<210> 28

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<400> 28

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22

<210> 29

<211> 22

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<223> Description of Artificial Sequence: Synthetic  
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<210> 30  
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<400> 30  
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<210> 31  
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<400> 31  
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<400> 32  
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<210> 33  
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<400> 33  
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<210> 34  
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<212> DNA  
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<223> Description of Artificial Sequence: Synthetic  
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<400> 34  
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<210> 35  
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<223> Description of Artificial Sequence: Synthetic  
SiRNA construct

<400> 35  
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<210> 36  
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<220>  
<223> Description of Artificial Sequence: Synthetic  
SiRNA construct

<400> 36  
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<210> 37  
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<212> DNA  
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<210> 38
<211> 3150
<212> DNA
<213> Homo sapiens

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cgtcgcccggt gccgcgtgag accccaagat cgtcaacatt ggcgcggtgc tgagcacgcg 180
gaagcacgag cagatgttcc gcgaggccgt gaaccaggcc aacaagcggc acggctcctg 240

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| gtcgggtgtc | gaggacctca  | tctccagcca | ggctctacgc  | atcctagtta | gccatccacc  | 360  |
| tacccccaac | gaccacttca  | ctcccccccc | tgtctcctac  | acagccggct | tctaccgcat  | 420  |
| acccgtgtcg | gggctgacca  | cccgcatgtc | catctactcg  | gacaagagca | tccacctgag  | 480  |
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| tgtgtacagc | tggaaccaca  | tcatcctgct | ggtcagcgac  | gaccacgagg | gccgggccgc  | 600  |
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 Primer

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 <212> DNA  
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 Primer

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<220>  
 <223> Description of Unknown Organism: Preferred  
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<220>  
 <223> Description of Combined DNA/RNA Molecule: Preferred  
 oligonucleotide of the invention

<220>  
 <223> Description of Unknown Organism: Preferred  
 oligonucleotide of the invention

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 <213> Unknown Organism

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 <213> Unknown Organism

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<210> 51  
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<400> 52  
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<210> 54  
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 gagcaggagg aggcagcgga agaggatgct gaagcagagg ctgagaccga ggagaccagg 180  
 gcagaagaag atgaagaaga agaggaagca aaggaggctg aagatggccc aatggaggag 240  
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 caggcgctga tcgaggctca ctttgagaac aggaagaaaag aggaggagga gctcgtttct 420  
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|            |             |            |             |             |            |      |
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| gagaacagga | ggaaggctga  | ggatgaggcc | cggaagaaga  | aggctttgtc  | caacatgatg | 600  |
| cattttgggg | gttacatcca  | gaaggcccag | acagagcggg  | aaagtgggaa  | gaggcagact | 660  |
| gagcgggaaa | agaagaagaa  | gattctggct | gagaggagga  | aggtgctggc  | cattgaccac | 720  |
| ctgaatgaag | atcagctgag  | ggagaaggcc | aaggagctgt  | ggcagagcat  | ctataacttg | 780  |
| gaggcagaga | agttcgacct  | gcaggagaag | ttcaagcagc  | agaaatatga  | gatcaatggt | 840  |
| ctccgaaaca | ggatcaacga  | taaccagaaa | gtctccaaga  | cccgcgggaa  | ggctaaagtc | 900  |
| accgggcgct | ggaaatagag  | cctggcctcc | ttcaccaaag  | atctgctcct  | cgctcgcacc | 960  |
| tgcctccggc | ctgcaactccc | ccagttcccc | ggcctcctctg | ggcaccaccag | gcagctcctg | 1020 |
| tttggaatg  | gggagctggc  | ctaggtggga | gccaccactc  | ctgcctgccc  | ccacaccac  | 1080 |
| tccacaccag | taataaaaaag | ccaccacaca | ctga        |             |            | 1114 |

&lt;210&gt; 55

&lt;211&gt; 1000

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 55

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| gaggaagccc  | aggaggaaga | ggaagttcaa | gaagacaccg | cagaggagga | cgcggaagag | 120  |
| gagaaaccga  | gacccaaact | cactgctcct | aagatcccag | aaggggagaa | agtggacttc | 180  |
| gatgacatcc  | agaagaagcg | tcagaacaaa | gacctaatgg | agctccaggc | cctcatcgac | 240  |
| agccactttg  | aagcccggaa | gaaggaggag | gaggagctgg | tcgctctcaa | agagagaatc | 300  |
| gagaagcgcc  | gtgcagagag | agcggagcag | cagaggattc | gtgcagagaa | ggagagggag | 360  |
| cgccagaaca  | gactggcgga | ggaaaaggcc | agaagggagg | aggaggatgc | caagaggagg | 420  |
| gcagaggacg  | acctgaagaa | gaagaaagcg | ctgtcctcca | tgggcgccaa | ctacagcagc | 480  |
| tacctggcca  | aggctgacca | gaagagaggg | aagaagcaga | cagcccgaga | gatgaagaag | 540  |
| aagattcttg  | ctgagagacg | caagccgctc | aacatcgatc | accttggtga | agacaaactg | 600  |
| agggacaagg  | ccaaggagct | ctgggagacc | ctgcaccagc | tggagattga | caagttcgag | 660  |
| tttggggaga  | agctgaaacg | ccagaaatat | gacatcacca | cgctcaggag | ccgcattgac | 720  |
| caggcccaga  | agcacagcaa | gaaggctggg | accccagcca | agggcaaagt | cggcggggcg | 780  |
| tggaaagtaga | gaggccagaa | aggccctcga | ggcagagacc | ctccgccctc | ttgcacacca | 840  |
| gggccgctcg  | tgggactcca | catcctccag | ccccacaat  | cctgtcaggg | gtctccctga | 900  |
| cgtcctgggg  | gtggagaggg | catcccgggg | cgcccccgcc | gtctgtgtcc | ttgctgcctt | 960  |
| catcccctgg  | ggcctgtgaa | taaagctgca | gaaccccctt |            |            | 1000 |